



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, May 4, 2015

Issued: 0800 CT

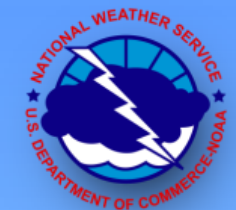
Day 1 Hazards: There is a slight risk of severe storms over SE NM and W TX this afternoon/evening into the overnight hours; Threat of flash flooding late tonight over this area as well.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Marty Mayeaux
817-978-1100 x 147

Key Points



Today

- **Thunderstorm activity increases today across New Mexico and portions of the TX/OK Panhandles, as well as W & NW Texas**
 - Severe Weather is possible over the Pecos Valley of SE NM and W TX, and a few strong storms possible across E NM, the TX/OK Panhandles and portions of W TX
 - Heavy rainfall is also expected over SE NM and NW TX into the Permian Basin especially Monday night; could see flash flooding in these areas during the overnight period

Tuesday

- **Continued severe weather threat over SE NM as well as the Permian Basin and South Plains of TX; storms ongoing Tuesday morning and then additional activity expected in the afternoon/evening**
- **Bulk of the heavier rainfall (generally 1-2") will be shifting over the TX/OK Panhandles and into Central OK and N-Central TX; flash flooding not anticipated at this time**






Wednesday - Friday

- **Slight risk of severe thunderstorms on Wednesday across Central Oklahoma. Marginal risk of severe thunderstorms across Central Texas.**
- **May see an increase in activity on Thursday and Friday, especially across OK. However, too early to pinpoint more favorable locations for severe weather**

*FEMA Region 6 Threat Matrix

May 4, 2015 - May 8, 2015

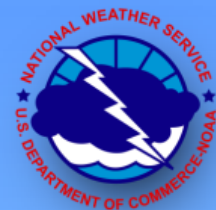
DAY/ THREAT	MON	TUE	WED	THU	FRI
Severe Storms	SE NM, W TX	SE NM, South Plains and Permian Basin of TX	Central OK	Central OK	Central OK
Heavy Rain /Flooding	E & SE NM, NW TX	TX/OK Panhandles, Central OK			
Fire					
Winter					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



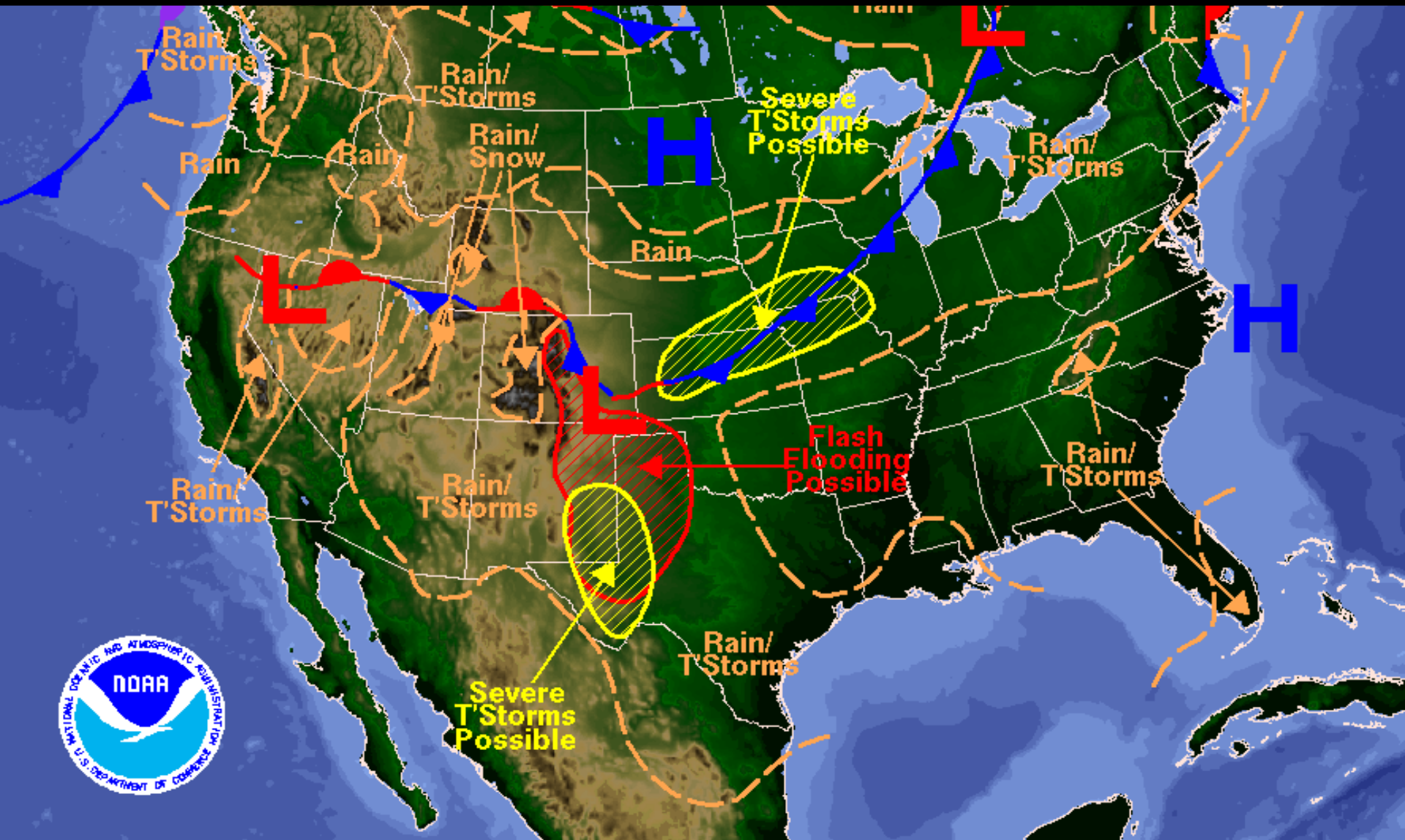
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



Weather Forecast for Mon, May 04, 2015, issued 4:43 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts






Day 1 Weather Hazards

Valid: 0800 Mon - 0800 Tue



Strong to severe storms and heavy rainfall leading to flooding expected today into tonight and then continue Tuesday

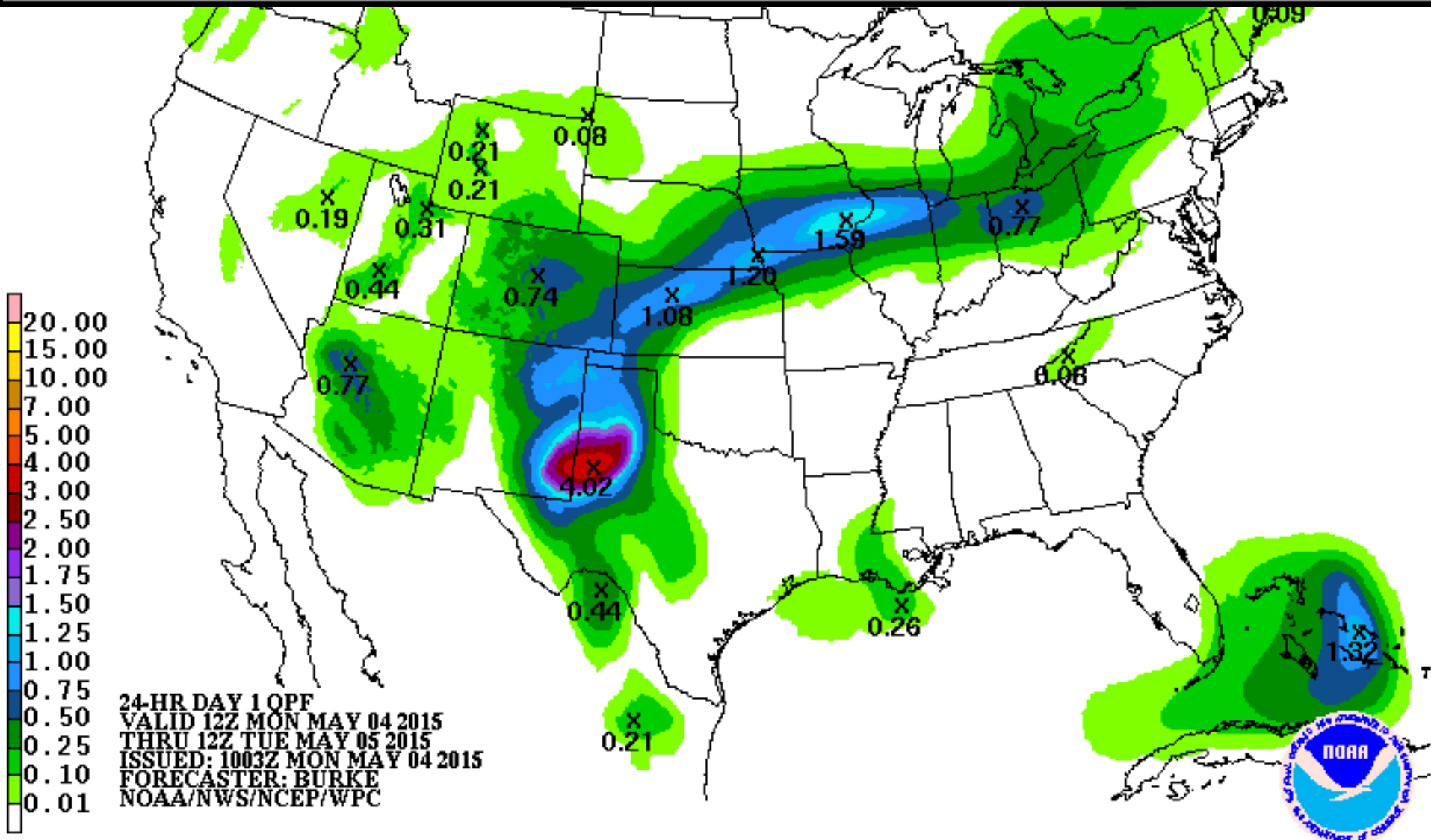
Thunderstorms possible today

	Very Common – Happens Often
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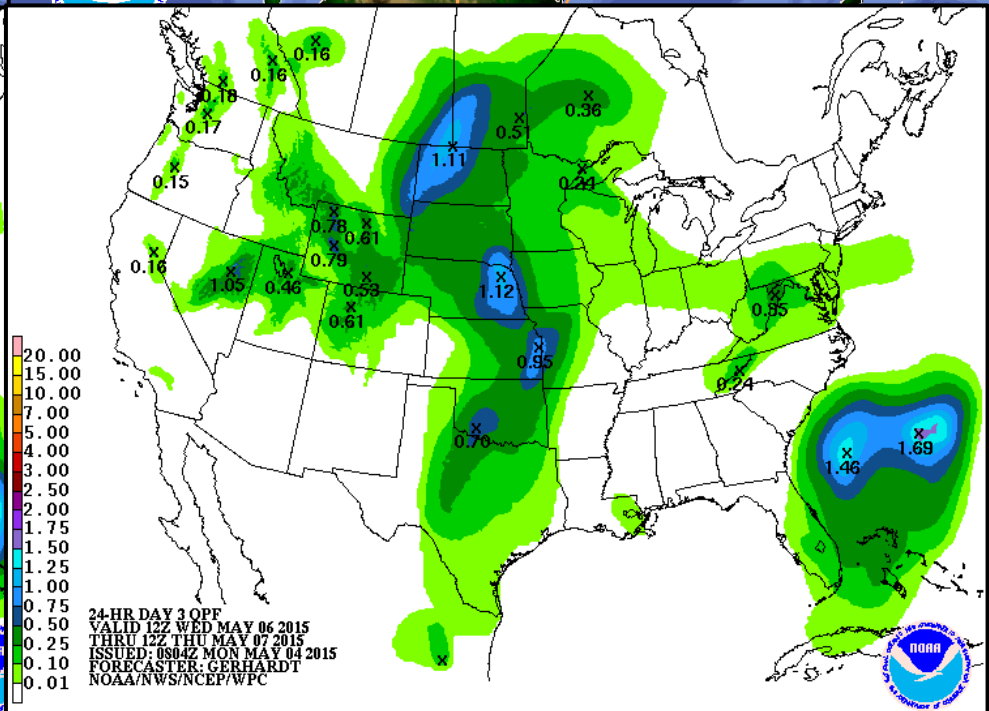
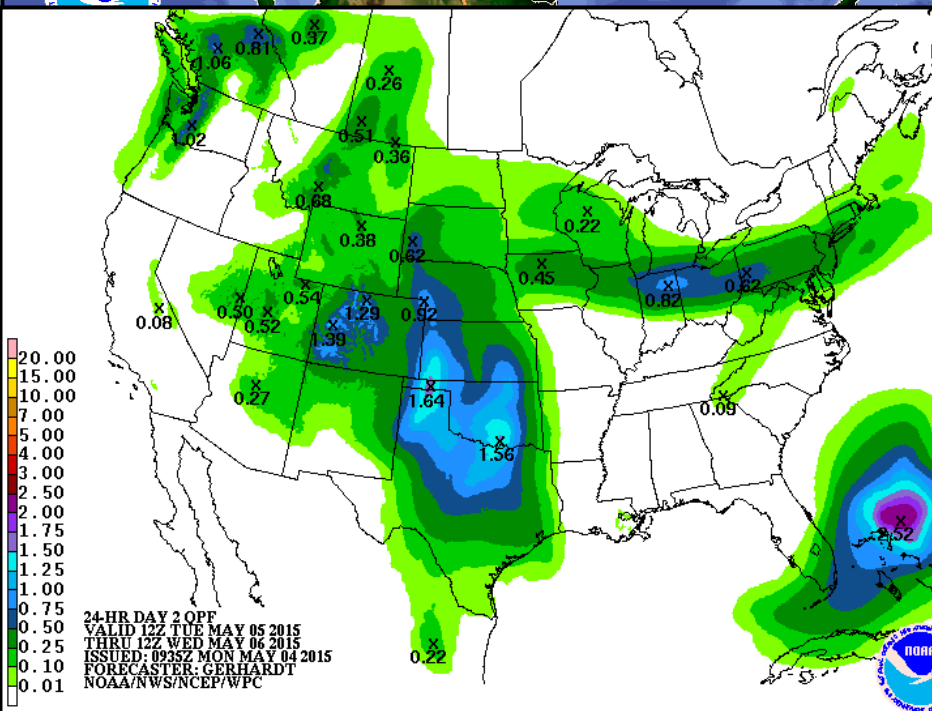
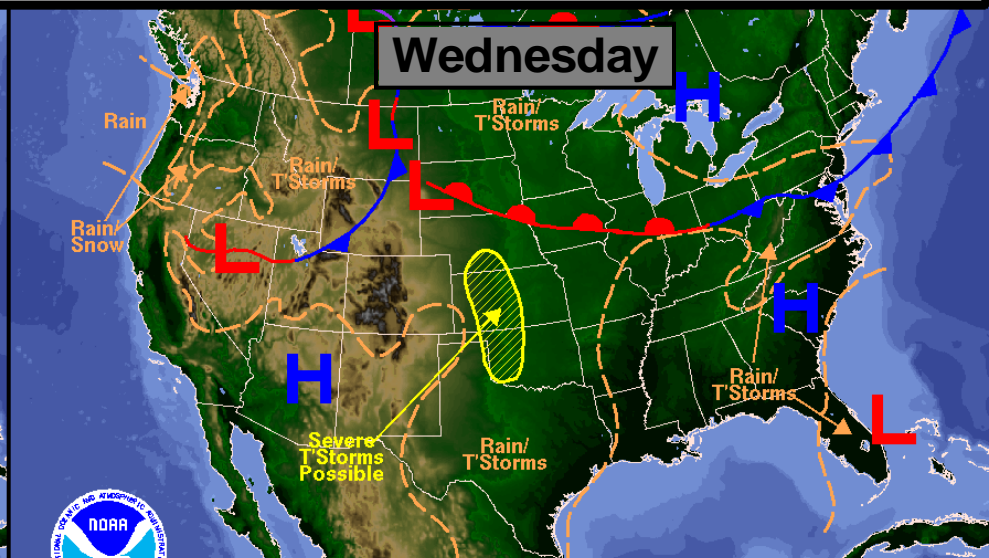
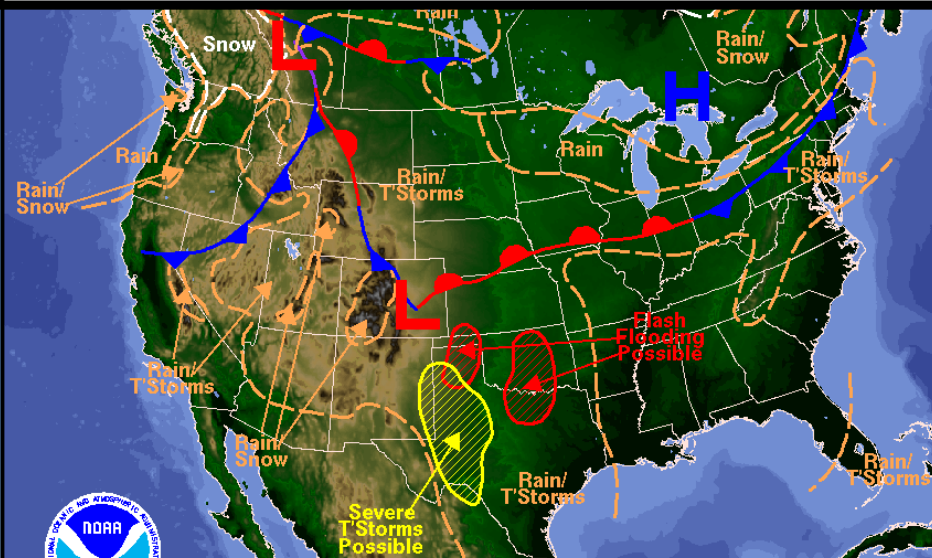
***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

Today's Precipitation

Mon AM - Tue AM

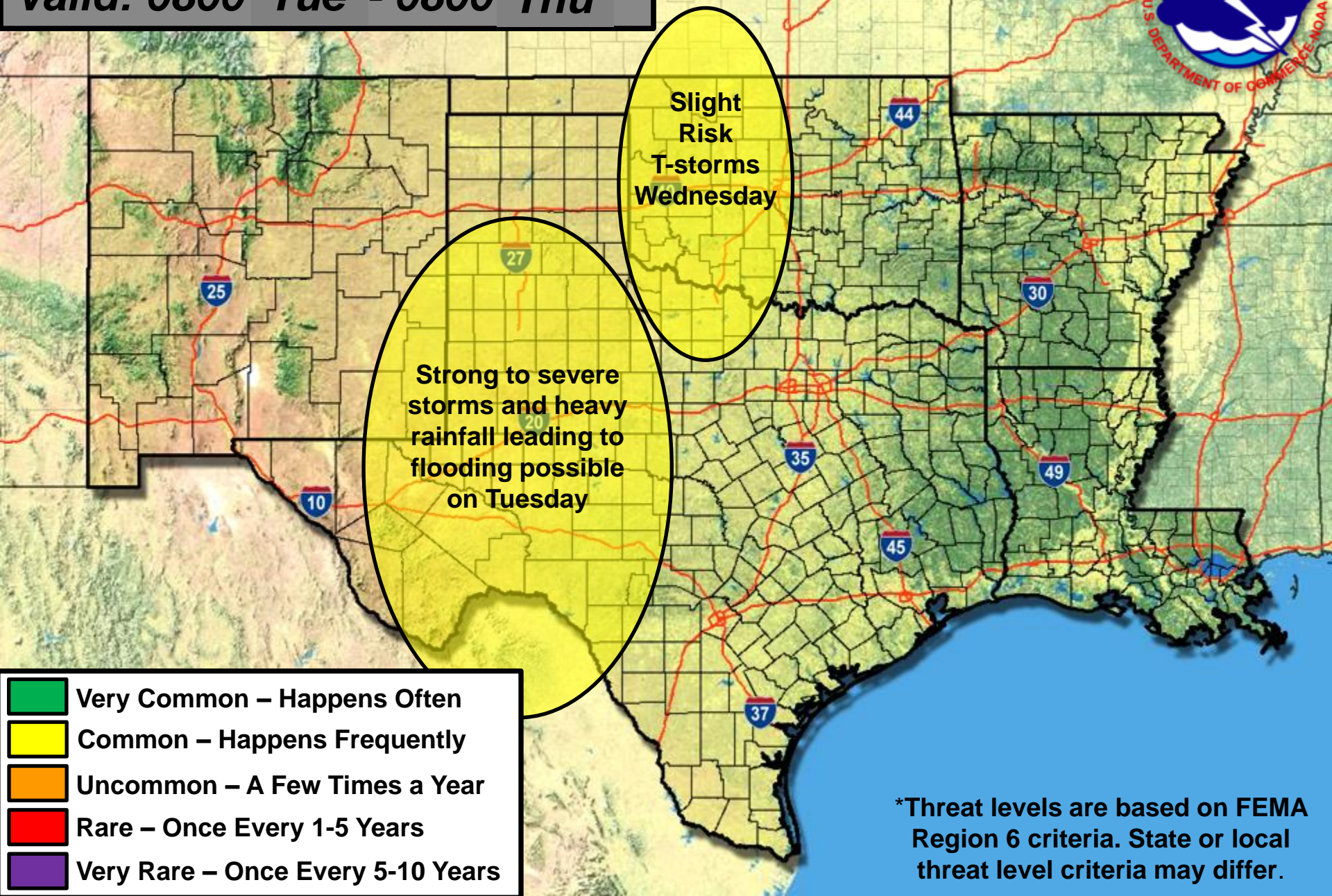


Day 2-3 Weather Maps/Precipitation








Day 2-3 Weather Hazards

Valid: 0800 Tue - 0800 Thu



**Slight
Risk
T-storms
Wednesday**

**Strong to severe
storms and heavy
rainfall leading to
flooding possible
on Tuesday**

	Very Common – Happens Often
	Common – Happens Frequently
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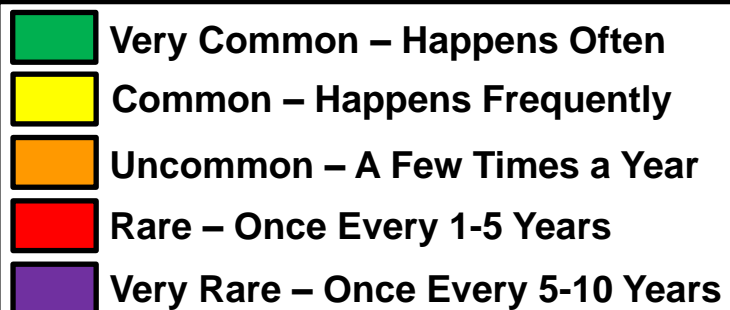
**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



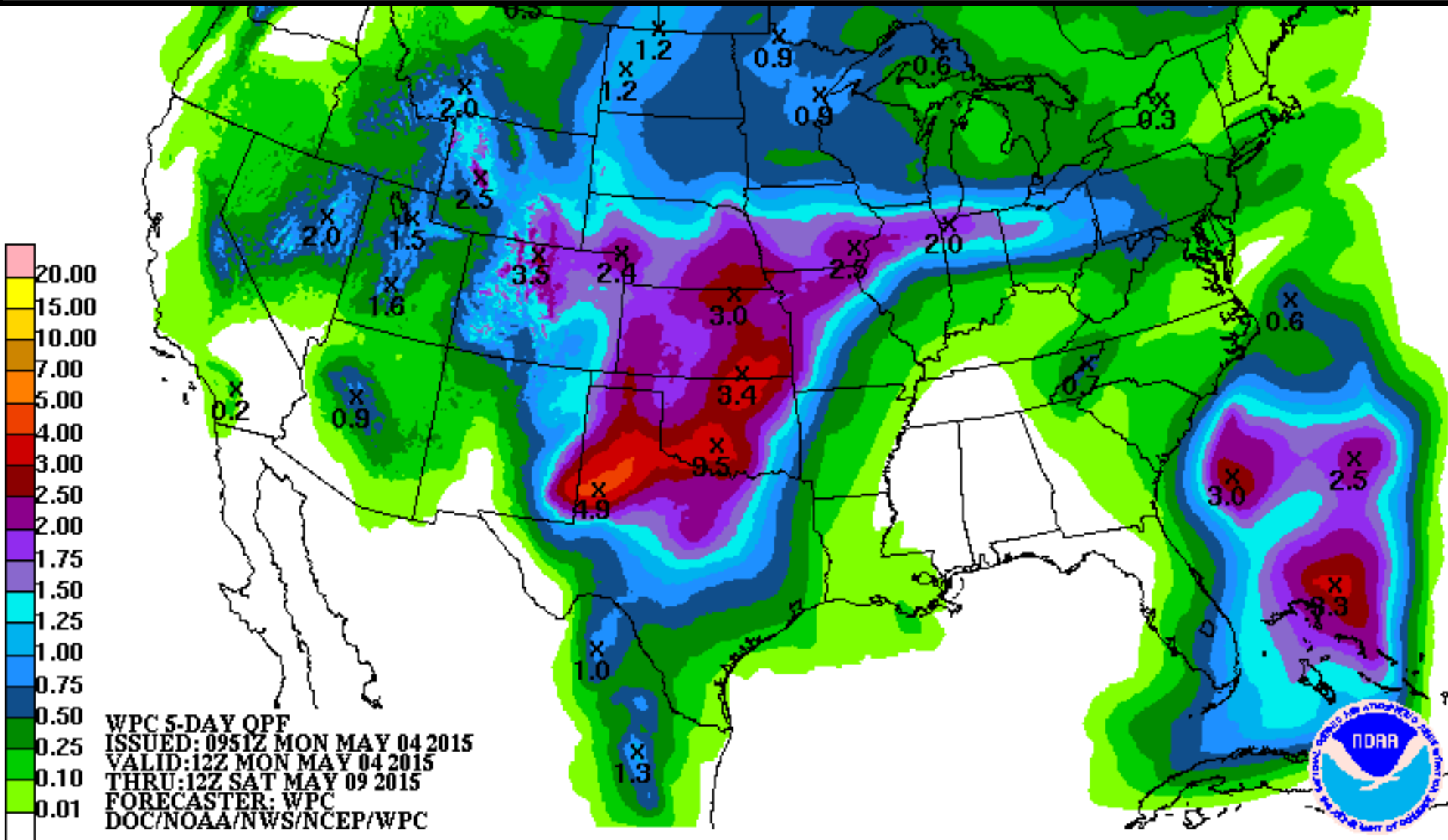
Showers and
thunderstorms
activity
continues on
Thursday and
Friday; too early
to pinpoint more
favorable
locations for
severe weather
and heavy
rainfall

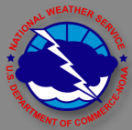


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5-Day Precipitation

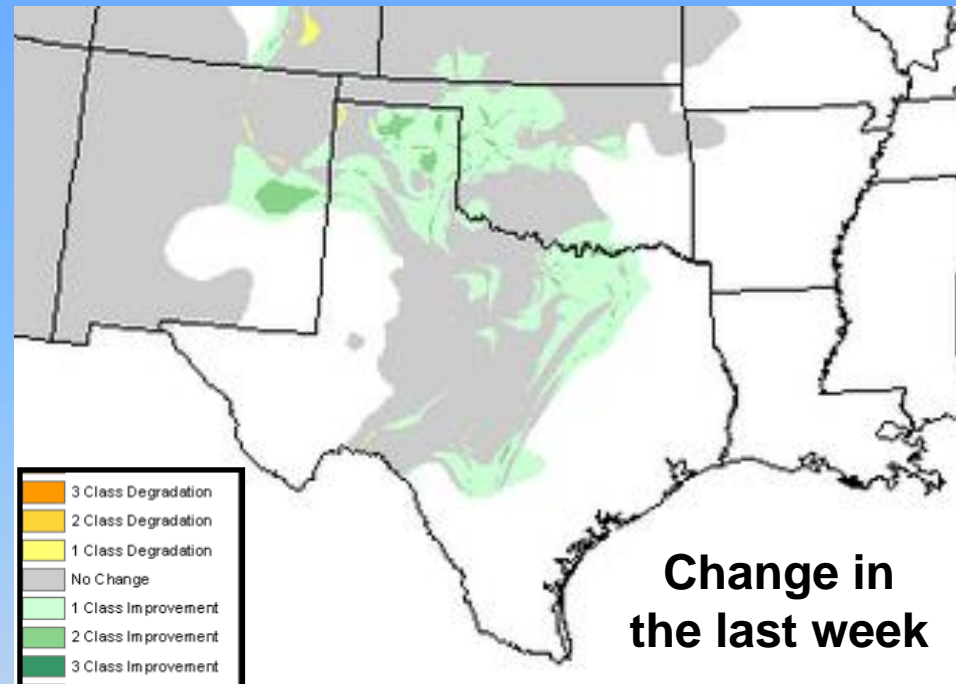
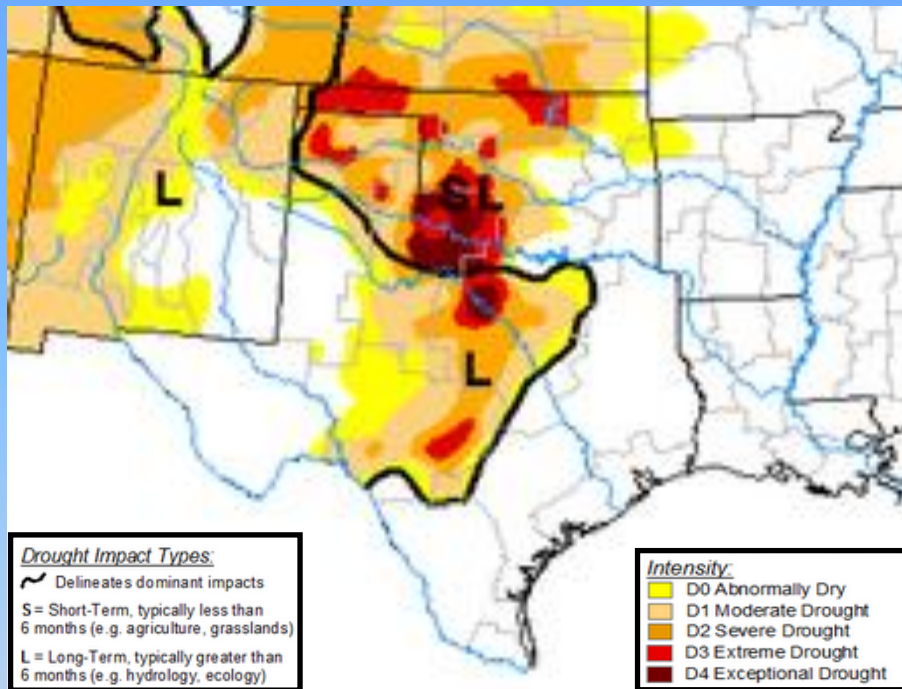
Mon AM - Sat AM





Drought Monitor Released April 30th, 2015

Data valid as of Tuesday, April 28th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	24.34%	37.13%	22.58%	39.03%
Texas	5.57%	9.35%	11.24%	37.86%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

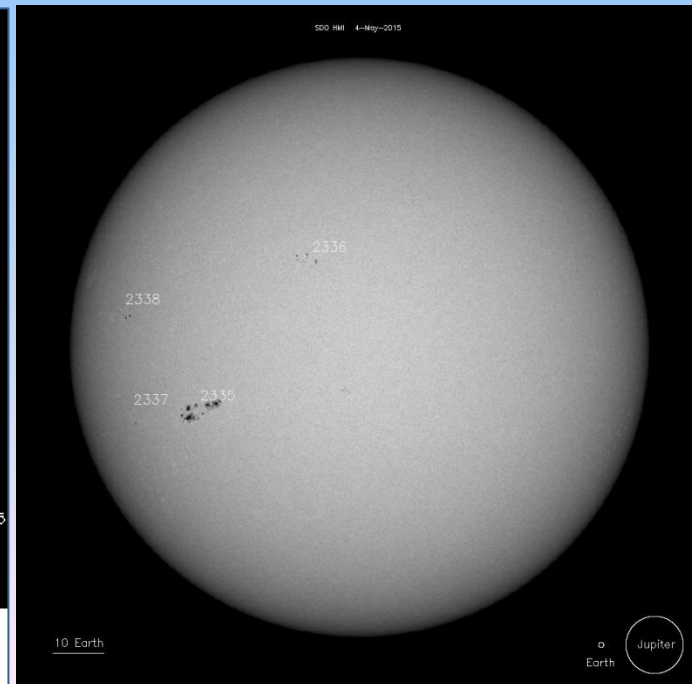
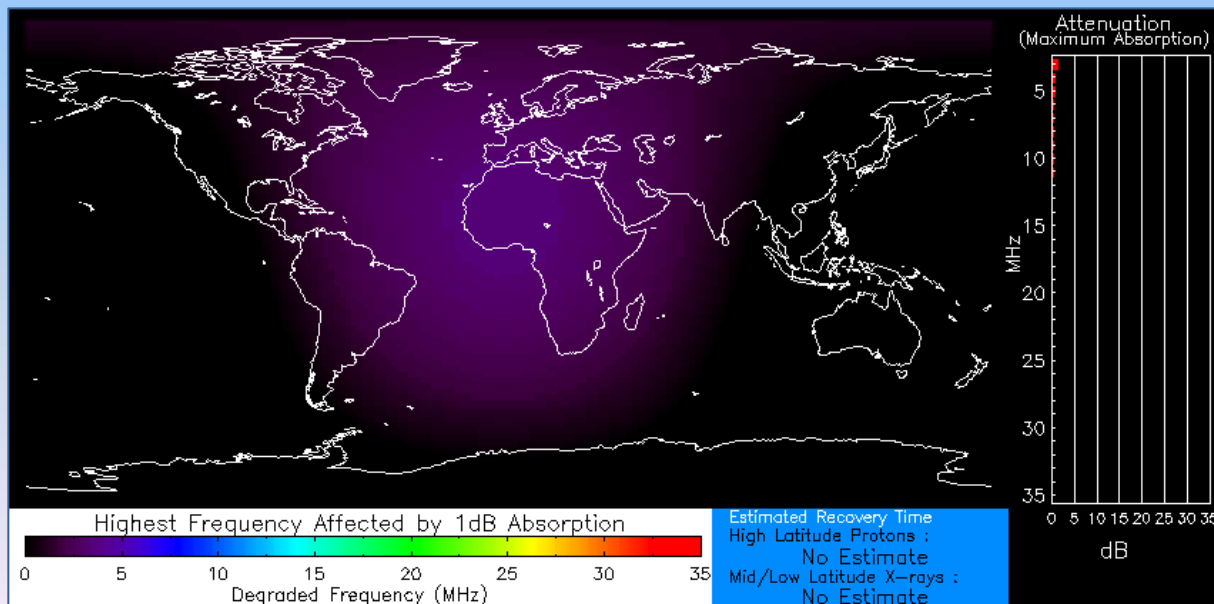
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 1)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2015-05-04 12:09 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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